F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	450
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

66.26 m Back to Back of Abutments
Burnham Ave Bridge

380 | 16.0 m | 33.5 m | 16.0 m | 380

℄ W. Abut. & ℄ Piles | ℄ Pier 1 | ℄ Pier 2 | ℄ E. Abut. & ℄ Piles

Construction Joint | Existing Temporary Sheet Piling to be removed in coordination with bridge construction | Existing Temporary Sheet Piling to be removed in coordination with bridge construction | Construction Joint | Construction Joint

760 | 1.68 m | 1.55 m | 1.55 m | 1.68 m | 760

By Others in Contract 62110

MATCH LINE A
See Sht. BS-7

CTV

Existing Temporary Sheet Piling to be removed by others in Concurrent Contract 62114 in coordination with bridge contruction.

This Contract

18.33 m (to ℄ I-80/94) | 7 Spa. @ 2.25 m = 15.75 m

18.38 m (to ℄ I-80/94) | 8 Spa. @ 2.0 m = 16.0 m

8 Spa. @ 2.0 m = 16.0 m | 18.38 m (to ℄ I-80/94)

7 Spa. @ 2.25 m = 15.75 m | 18.33 m (to ℄ I-80/94)

26 mm Open Joint

900 | 900 | 830 | 148 m | 60+000 | 90°00'00" (Typ.) | 148 m | 830 | 900 | 900

6+750 | ℄ I-80/94 | 6+800

Sta. 6+739.461

Sta. 6+805.721

40mm Open Joint

26 mm Open Joint

14.78 m (to ℄ I-80/94) | 6 Spa. @ 2.0 m = 12.0 m | 1.3 m | 700

14.73 m (to ℄ I-80/94) | 6 Spa. @ 2.2 m = 13.2 m

Construction Joint | 1.47 m | 630

Exist. Abut. (Typ.)

14.02 m | 5 Spa. @ 2.39 m = 11.95 m

13.1 m | 6 Spa. @ 2.0 m = 12.0 m | 1.3 m | 700

Retaining Wall S.N. 016-W850

HP 310 Typ.

See Coordination Details on Sht. BS-44 (Typ. ea. abut.)

600 | 400 | 400 | 1.2 m | 400 | 400 | 600 | 600 | 1.0 m | 1.0 m | 2.0 m | ℄ Piles

Exist. Pier (Typ.)

℄/PGL Burnham Ave.

N

PLAN

SUBSTRUCTURE LAYOUT - II

Construction Joint | 700 | 6 Spa. @ 2.0 m = 12.0 m | 13.1 m

Retaining Wall S.N. 016-W851

1.227 m | 630 | 5 Spa. @ 2.25 m = 11.25 m | 13.077 m

LEGEND

- Existing Combined Sewer
- Existing Gas Main
- Existing Water Main
- Existing Telephone
- Existing Cable Television

Notes:

1. All dimensions are in millimeters (mm) except as noted.
2. All dimensions are along or at right angles to ℄ I-80/94.

SHT. BS-8 OF 60

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
I-80/94 OVER BURNHAM AVENUE
STRUCTURE NO. 016-2791 STA. 6+772.591
SECTION 1977-121-R
COOK COUNTY

SUBSTRUCTURE LAYOUT - II

DATE: 7/18/2005

DRAWN BY: FD
CHECKED BY: TCU

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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